

Converting Colors

CIELCh(70, 25.276, 342.072)

Have a look what the booklet for
CIELCh(70, 25.276, 342.072)
contains.

CIELCh(70, 25.358, 341.783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 25.358, 341.783)

Conversions

Conversions Part 1

Format	Color
Hex	D09CBA
RGB	208, 156, 186
RGB Percent	82%, 61%, 73%
CMY	0.1842, 0.3881, 0.2705
CMYK	0.00, 0.25, 0.11, 0.18
HSL	325°, 36%, 71%
HSV	325°, 25%, 82%
XYZ	46.7824, 40.7494, 51.8728
YIQ	174.9680, 21.3620, 20.3540

Conversions

Conversions Part 2

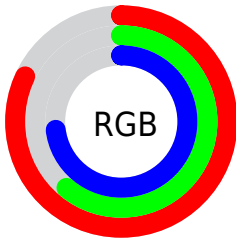
Format	Color
R _{YB}	208, 156, 186
Decimal	13671610
CIE Lab	70.00, 24.09, -7.93
CIE LCh	70, 25.358, 341.783
Yxy	40.7494, 0.3356, 0.2923
Android (android.graphics.Color)	4291861690 (0xFFD09CBA)
YUV	174.9680, 5.4388, 28.9691
Hunter-Lab	63.8353, 19.1042, -3.4946

Details

The CIELCh color $70, 25.358, 341.783$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 24.835, 157.601$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 22.463, 335.297$, and $50, 25.570, 341.630$ is the 20% darker color. If you saturate the color by 10%, you get $65, 35.521, 342.770$, and if you desaturate by 10%, it is $75, 15.116, 340.890$.

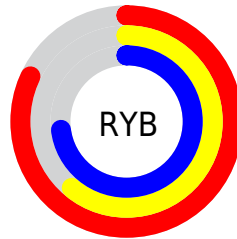
Distribution



Red (82%)

Green (61%)

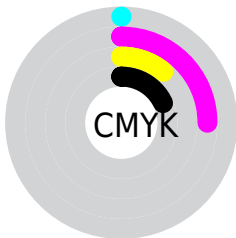
Blue (73%)



Red (82%)

Yellow (61%)

Blue (73%)

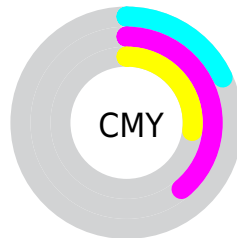


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (18%)



Cyan (18%)


Magenta (39%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 25.358, 341.783 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 70, 25.358, 341.783 by changing the saturation by 10% instead.


 70, 25.358,
341.783


 70, 25.358,
341.783


 100, 25.358,
341.783


 60, 25.358,
341.783


 90, 25.358,
341.783

 50, 25.358,
341.783

 40, 25.358,
341.783

 30, 25.358,
341.783

 20, 25.358,
341.783

 10, 25.358,
341.783

 0, 25.358, 341.783

70, 25.358,
341.783

70, 25.358,
341.783

65, 35.521,
342.770

75, 15.116,
340.890

60, 45.331,
343.878

81, 4.987, 340.031

56, 54.395,
345.154

86, 4.918, 159.446

52, 62.224,
346.661

92, 14.540,
158.708

49, 68.298,
348.490

96, 20.884,
160.430

47, 72.206,
350.763

96, 18.225,
171.256

46, 73.838,
353.615

97, 16.355,
185.055

45, 74.149,

97, 15.616,
198.467

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70, 25.358, 341.783



79, 24.835, 157.601

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 25.358, 341.783



70, 25.358, 31.783



70, 25.358, 161.783



70, 25.358, 211.783

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70, 25.355, 341.784



95, 8.262, 340.216



68, 29.787, 307.444



50, 5.372, 340.269



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 25.355, 341.784



81, 35.942, 342.299



69, 20.692, 14.864



41, 5.714, 340.415



36, 63.482, 354.659



5, 22.716, 348.857

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70, 25.355, 341.784



81, 35.942, 342.299



80, 17.980, 190.689



41, 5.714, 340.415



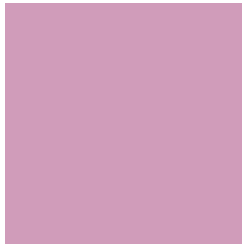
36, 63.482, 354.659



5, 22.716, 348.857

Previews

White Background



This preview shows how the CIELCh color 70, 25.358, 341.783 looks on a white background.

Color Contrast Check

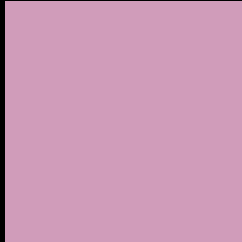
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 25.358, 341.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

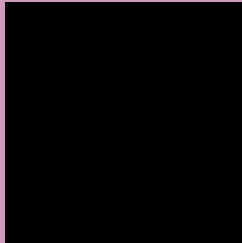
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 25.358, 341.783

Background



This preview shows how black text looks on a background with the CIELCh color 70, 25.358, 341.783.



This preview shows how white text looks on a background with the CIELCh color 70, 25.358, 341.783.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70, 25.358, 341.783

Protanopia

70, 13.716, 287.116

Deuteranopia

70, 11.558, 321.846



Tritanopia
70, 19.268, 1.512

Trichromacy



Original Color
70, 25.358, 341.783

Protanomaly
70, 16.116, 314.043

Deuteranomaly
70, 16.620, 331.705

Tritanomaly
70, 21.096, 353.850

Monochromacy



Original Color
70, 25.358, 341.783

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.363, 340.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 25.358, 341.783 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 156, 186)` looks like.

```
.text, #text, p{  
    color:rgb(208, 156, 186)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 156, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 156, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 25.358, 341.783 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 156, 186) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 156, 186) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(208, 156, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 156, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 156, 186);  
box-shadow:4px 4px 4px 4px rgb(208, 156,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 25.358, 341.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 156, 186) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208,  
156, 186) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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